

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs.

24.55Lakhs

Name of Work: Construction of Rangamandira in front of RTO complex in B sector in ward no:04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KRS 2.1 (a) / 2.3.1 (P.5/L.2.1 PW, P & WTD - 2013-14)	Cum							
	Rangamandira		1	10.50	10.50	0.30	33.08		
	Anjaneya temple inside Plotform		1	30.00	11.50	0.20	69.00		
							102.08	124.02	12659.00
	Basic Rate	117.00							
	Area Weightage @ 6%	7.02							
	Total	124.02							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, specification, specification. No. KRS 2.1(b) / 2.3.5. No. 5/ Item No. 2.4/ PWD SR 2013-14)	Cum							
	CCL		1	37.20	0.90	1.20	40.18		
	C1		7	1.50	1.20	1.50	18.90		
	C2		4	1.20	0.90	1.20	5.18		
	steps		2	1.50	0.75	0.20	0.45		
							64.71		
	deductions portions (-)								
	C1 portion		7	1.20	0.90	1.50	11.34		
	C2 portion		4	0.90	0.90	1.20	3.89		
							15.23		
							49.48	223.66	11067.40
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	223.66							
	For RCC drain		1	23.00	1.00	0.80	18.40	227.88	4193.00
	Basic Rate	211.00							
	8%	16.88							

	Total	227.88							
3	KSRD 2.10: Providing sand cement bed with 5% cement with all leads for all materials and of 1.5 m. machine mixed, laid in layers of 15 cms, thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications, specification, No. KBS (P.6/1.2,17 PW, P & IWTD -SR 2013-14)	Cum							
	CCL		1	37.20	0.90	0.20	6.70		
							6.70	2604.42	17439.00
	Basic Rate	2457.00							
	Area Weightage @ 6%	147.42							
	Total	2604.42							
4	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum							
	CCL		1	37.20	0.90	0.15	5.02		
	C1		7	1.50	1.20	0.15	1.89		
	C2		4	1.20	0.90	0.15	0.65		
	steps		2	1.50	0.75	0.10	0.23		
	flooring of rangamandira hall		1	6.00	5.00	0.10	3.00		
	Rooms		2	2.10	2.10	0.10	0.88		
	Surrounding concreting work		1	10.50	10.50	0.15	16.54		
	Anjaneya temple inside Platform		1	30.00	11.50	0.15	51.75		
							79.95		
	C1 portion		7	1.20	0.90	0.15	1.13		
	C2 portion		4	0.90	0.90	0.15	0.49		
	For Rangamandira area		1	10.50	2.60	0.15	4.10		
			1	6.40	2.60	0.15	2.50		
							8.21		
							71.84	4211.38	302139.14
	Basic Rate	3973.00							
	Area Weightage @ 6%	238.38							
	Total	4211.38							
	For RCC drain		1	23.00	0.90	0.15	3.11	4290.84	13323.06
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	4290.84							

5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone masonry dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KRS 5.1.13 (P.22/1.5.6 PW, P & IWTD -SR 2013-14)	Cum							
	CCL for 1st footing		1	37.20	0.75	0.35	9.77		
	2nd footing		1	37.20	0.60	0.45	10.04		
	steps		2	1.20	0.60	0.20	0.29		
							20.10		
	Deductions								
	C1		7	1.20	0.75	0.35	2.21		
	C2		4	0.90	0.75	0.35	0.95		
	C1		7	0.60	0.20	0.45	0.38		
	C2		4	0.40	0.20	0.45	0.14		
							3.67		
							16.43	3484.22	57228.00
	Basic Rate	3287.00							
	Area Weightage @ 6%	197.22							
	Total	3484.22							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chiseled dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KRS 5.1.13 (P.22/1.5.9 PW, P & IWTD -SR 2013-14)	Cum							
	CCL		1	37.20	0.45	0.35	5.86		
	Steps		1	1.20	0.40	0.15	0.07		
			1	1.20	0.20	0.15	0.04		
							5.97		
	Deductions								
	C1		7	0.60	0.20	0.35	0.29		
	C2		4	0.40	0.20	0.35	0.11		
							0.41		
							5.56	4148.84	23072.00
	Basic Rate	3914.00							
	Area Weightage @ 6%	234.84							
	Total	4148.84							
7	KSRB 15.1.3 Providing ruled pointing to exposed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.97/1.15.3 PW, P & IWTD SR	Sqm							
	For all round out side walls		3	11.00		0.35	3.85		
			2	2.80		0.35	1.96		
			2	2.30		0.35	1.61		

			2	2.60		0.35	1.82		
			1	6.40		0.35	2.24		
							11.48	78.44	900.00
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	78.44							
8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and chills, including cost of all materials, labour, HDM of machinery, curing complete as per specifications, Specification No. KBS 4.1, 4.2 (P.12/1.4.6 PW, P & IWTD -SR 2013-14)	Cum							
	CCL		1	37.20	0.45	0.10	1.67		
	Steps		1	1.20	0.40	0.10	0.05		
			1	1.20	0.20	0.10	0.02		
	Surrounding concreting work		1	10.50	10.50	0.10	11.03		
							12.77		
	Deductions								
	C1		6	0.60	0.20	0.10	0.07		
	C2		4	0.40	0.20	0.10	0.03		
	For Rangamandira area		1	10.50	2.60	0.10	2.73		
			1	6.40	2.60	0.10	1.66		
							4.50		
							8.27	4690.50	18805.00
	Basic Rate	4425.00							
	Area Weightage @ 6%	265.50							
	Total	4690.50							
9	KSRB 2.3; Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications, specification. No. KBS 2.9 (P.6/1.2.10 PW, P & IWTD 2013-	Cum							
			Qty Vide Item No.2 (a+b)				67.88	99.64	6764.00
	Basic Rate	94.00							
	Area Weightage @ 6%	5.64							
	Total	99.64							
10	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/1.4.28 PW, P & IWTD -SR 2013-	Sqm							
		4							
	For columns footings C1		7	5.40		0.45	17.01		

	C2	4	4.20	0.30	5.04		
	Basic Rate	208.00			22.03 ✓	220.48	4862.00
	Area Weightage (@ 6%)	12.48					
	Total	220.48					
11	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/L.4.32 PW, P & J)WTD --SR 2013-	Sqm					
	Columns C1	6	1.60	6.20	39.52		
		1	1.60	6.30	10.40		
		4	1.20	4.50	21.60		
	Basic Rate	312.00			91.52 ✓	330.72	30267.00
	Area Weightage (@ 6%)	18.72					
	Total	330.72					
12	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam launchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/L.4.34 PW, P & J)WTD --SR 2013-14	Sqm					
	Plinch Beam - Allround	2	17.20	0.30	22.32		
	Lintels	2	17.20	0.20	14.88		
	1st Tie beams	2	17.20	0.30	22.32		
	2nd Tie beams	2	6.40	0.30	3.84		
		2	5.20	0.30	3.12		
					66.48 ✓	239.56	15926.00
	Basic Rate	226.00					
	Area Weightage @ 6%	13.56					
	Total	239.56					
13	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/L.4.29 PW, P & J)WTD-SR 2013-14)	Sqm					
	Rooms	2	2.40	2.10	10.08		
	Basic Rate	268.00			10.08 ✓	284.08	2864.00
	Area Weightage @ 6%	16.08					
	Total	284.08					

14	KSRD 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No, KDS 4.6.2 (P.15/1.4.37 PW, P & IWT) --SR 2013-	Sqm							
			4	1.20	0.45		2.16		
	Basic Rate	229.00					2.16	242.74	524.00
	Area Weightage @ 6%	13.74							
	Total	242.74							
15	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M30 with OPC cement @ 120kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesire @ 3kts conforming to IS9103-1999Reaffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc. including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification, No, KBS 4.1.4.6, No. KBS 4.1.4.6, No. 13/ Item No, 4.11/ PWD SR 2013.140	Cum							
	Footings F1		7	1.50	1.20	0.45	5.67		
	F2		4	1.20	0.90	0.30	1.30		
	Columns C1		8	0.60	0.20	6.20	4.46		
			1	0.60	0.20	6.30	0.78		
	C2		4	0.40	0.20	4.80	1.54		
	Plinth beam CCL		1	37.20	0.20	0.30	2.23		
	Lintle beam CCL		1	37.20	0.20	0.20	1.49		
	Tie beam CCL		1	37.20	0.20	0.30	2.23		
	Rangamandira Hall 2nd tie beam		1	6.40	0.20	0.30	0.38		
			2	5.20	0.20	0.30	0.62		
	Roof slab		2	2.80	2.30	0.15	1.93		
	Anjaneya temple inside Floorform		1	30.00	11.50	0.10	34.50		
							57.14		
	Deductions :-								
	Plinth beams portions C1		7	0.60	0.20	0.30	0.25		
	C2		4	0.40	0.20	0.30	0.10		
	Lintle beamd portions C1		7	0.60	0.20	0.20	0.17		
	C2		4	0.40	0.20	0.20	0.06		
	1st Tie beam portions C1		7	0.60	0.20	0.30	0.25		
	C2		4	0.40	0.20	0.30	0.10		
	2nd tie beam portions C1	6	7	0.60	0.20	0.30	0.25		
	C2		4	0.40	0.20	0.30	0.10		

							1.28		
							55.86	5535.32	309214.00
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	5535.32							
	For RCC drain		1	23.00	0.90	0.15	3.11		
			2	23.00	0.15	0.80	5.52		
	Basic Rate	5222.00					8.61	5619.76	48642.93
	Area Weightage @ 8%	417.76							
	Total	5639.76							
16	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, Specification No. KRS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14))		Qty						
	80kg/Cum	Quantity vide item no-15					44.69	7244.04	323733.00
	Basic Rate	6834.00							
	Area Weightage @ 6%	410.04							
	Total	7244.04							
	For RCC drain (Qty vide item No:15 B)		For 0.70 kg/cum				6.04	7380.72	41561.00
	Basic Rate	6834.00							
	Area Weightage @ 8%	546.72							
	Total	7380.72							
17	KSRB 4.6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, buttresses, buttresses plinth and string course including cost of all materials, labour complete as per								
	For drain in & outside walls		4	23.00		0.80	73.60		
							73.60	271.08	19951.00
	Basic rate	251.00							
	Add 8% AW	20.08							
	Total	271.08							

18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/L4.19 PW, P & I WTD -SR 2013-14)	Sqm							
	Chajjas		4	1.20	0.45		2.16	405.98	877.00
	Basic Rate	383.00							
	Area Weightage @ 6%	22.98							
	Total	405.98							
19	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.24/L5.27 PW, P & I WTD -SR 2013-14)	Sqm							
	Room - 1 and 02		2	2.40		3.00	14.40		
			4	2.10		3.00	25.20		
	Paralit wall		2	2.40		0.40	1.92		
	Paralit		4	2.10		0.40	3.36		
	[lat]		1	6.40		4.80	30.72		
			2	5.20		4.50	46.80		
	Shankar naag park rangamandira		2	7.20		3.50	50.40		
			1	9.10		3.50	31.85		
	Anjaneya temple inside loti form		1	30.00		0.20	6.00		
			1	11.50		0.20	2.30		
							212.95		
	Deductions								
	C1		6	0.60		4.50	16.20		
			1	0.60		4.80	2.88		
	Lintle		1	37.20		0.20	7.44		
	1st Tie beams		1	37.20		0.30	11.16		
	2nd tie beams		1	6.40		0.30	1.92		
			2	5.20		0.30	3.12		
	D		2	0.90		2.10	3.78		
	W		4	0.90		1.20	4.32		
							50.82		
							162.13	907.36	147110.00
	Basic Rate	856.00							
	Area Weightage @ 6%	51.36							
	Total	907.36							

20	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with fitted joints of 900 for door openings and shutters made out of seasoned Home wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formaldehyde resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.38/L.7.26)	Sqm							
D		2	0.90		2.10	3.78			
						3.78	3710	14024.00	
	Basic	3500.00							
	Area Weighage 6%	210.00							
	Total rate	3710.00							

21	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully enable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should conform to IS 7452:1990, 4 Nos. of hold fasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tensioned and retested into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 (P.314,7.7 PW, P & IWT-D-SR 2013-14)	Sqm							
	W		4	0.90		1.20	4.32		
							4.32	3638.98	15720.00
	Basic Rate	3433.00							
	Area Weightage @ 6%	205.98							
	Total	3638.98							
22	Fabricating supplying and erecting M.S. angular Truss of span upto 10m bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are welded together with 6mm gusset plate as per drawing, Nos CBS/SD/K-mantap/9/MND/97. The entire truss is anchored in RCC column by using 4Nos of M.S anchor bolts at each support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening, packing in position of M.S angle and welding wherever necessary, and applying one of red oxide primer coat to all the								
a	Tie beam	Kgs ¹⁰	3	8.00			24.00		
b	Principal rafters		2	5.60			11.20		

							35.20		
	(For 30 kg / mtr)						1056.00		
	purlins 60x60x6mm		14	5.60			78.40		
	(For 5.40 kg/ mtr)						423.36		
	Basic	118.00					1479.36	125.08	185038.00
	Area Weightage 6%	7.08							
	Total rate	125.08							
23	KSRB 8.3-2 Providing and laying to required line and slope roofing with semi-corrugated (Trafford) asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm dia C.I. plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications Page No. 51/ Item No. 8.6/ PWD SR 2013-14								
	Rangamandira	sqm	1	8.00	5.60		44.80		
							44.80	397.50	17808.00
	Basic	375.00							
	Area Weightage 6%	22.5							
	Total rate	397.50							
24	Providing and laying flooring using pre polished water cutting saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete, -do- using gray granite Page No. 115/ Item No. 14.47.1 / PWD SR								
	Hall		1	6.00	5.00		30.00		
	Skirting		1	16.00		0.10	1.60		
	Rooms		2	2.40	2.10		10.08		
	Skirting		2	7.20		0.10	1.44		
							43.12		
							86.24	2067.00	178258.00
	Basic	1950.00							
	Area Weightage 6%	117.00							
	Total rate	2067.00							
25	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/ 1.15.21 PW, P &	Sqm							
	Ceiling Plastering room 1 and 2		2	2.40	2.10		10.08		
							10.08	163.24	1643.00
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	163.24							

26	KSRB 15-1.7 : Providing 18mm thick cement plastering single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97-98/ 1.15.15 PW, P & I WTD -SR 2013-14)	Sqm							
	Inside plastering room 1 & 2		4	2.40		3.00	28.80		
			4	2.10		3.00	25.20		
	Hall		1	6.00		4.80	28.80		
			2	5.00		4.50	45.00		
	Shankar nag park rangamandira		2	7.20		3.50	50.40		
			1	8.70		3.50	30.45		
							208.65		
	Deductions								
	D		2	0.90		2.10	3.78		
	W		4	0.90		1.20	4.32		
							8.10		
							200.55	209.88	42091.00
	Basic Rate	198.00							
	Area Weightage @ 6%	11.88							
	Total	209.88							
27	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99 /1.15.33 PW, P & I WTD) - SR 2013-14)	Sqm							
			Qty Vide Item No.24+25				210.63	19.08	4019.00
	Basic Rate	18.00							
	Area Weightage @ 6%	1.08							
	Total	19.08							
28	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/1.15.18 PW, P & I WTD -SR 2013-14)	Sqm							
	Outside plastering		1	11.00		3.60	39.60		
			2	2.80		3.60	20.16		
			2	2.30		3.60	16.56		
			2	2.40		3.60	17.28		
	Rangamandira hall top portions		1	6.40		1.20	7.68		
			2	5.20		0.90	9.36		
	Rooms inside part fit wall portion		2	2.40		0.60	2.88		
			4	2.10		0.60	5.04		
	Roof surface plastering		2	2.40	2.10		10.08		
	Shankar nag park rangamandira	12	2	7.20		3.75	54.00		
			1	9.10		3.75	34.13		

			1	28.30	7.00		198.10		
	Anjaneya temple inside platform walls		1	30.00		0.20	6.00		
			1	11.50		0.20	2.30		
	R-1 and R-02						423.17		
	Deductions								
	W		4	0.90		1.20	4.32		
							4.32		
	Basic Rate	211.00					418.85	223.66	93679.00
	Area Weightage @ 6%	12.66							
	Total	223.66							
29	KSRB 15-15.1; Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications, - with primer (P.101/L.15.51.2 PW, P & IWTD -SR 2013-14)	Sqm							
			Qty Vide Item No. 27				210.63	63.60	13396.00
	Basic Rate	75.00							
	Area Weightage @ 6%	4.50							
	Total	79.50							
30	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications, - with primer (P.102 / L.15.53.2 PW, P & IWTD -SR 2013-14)	Sqm							
			Qty Vide Item No. 28				418.85	78.44	32854.00
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	78.44							
31	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.m H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, hends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.42/L.8,16 PW, P & IWTD -SR 2013-14)	Mtr							
			4	3.30			13.20	415.52	5485.00
	Basic Rate	392.00							
	Area Weightage @ 6%	23.52							
	Total	415.52							

	Providing and fixing RCC Slabs 5cms thick for wall shelves with 12mm and down size jelly cement concrete 1:1 1/2 :3 including 24 1:3 plaster finishing, curing etc., complete (excluding the cost of steel, fabrication and plastering charges). P 18 / 4.57.	sqm							
	School building		1	28.30	7.00		198.10	491.84	97434.00
	Basic Rate	464.00							
	Area Weightage @ 6%	27.84							
	Total	491.84							
33	Providing RCC pre cast covering slab as per data rate	Sqm							
			55	0.90	0.60		29.70	1249.00	37095.00
	Electrifications								
33	Supplying and wiring adopting loop system in existing PVC conduit / easing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet. (P.4/I.8, I.C) Electrical-SR 2013-14)	No.							
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		4				4	175.00	700.00
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		4				4	368.00	1472.00
34	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical -SR 2013-14)	No							
			8				8	91.00	728.00
35	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2013-14)	Each							
	a) 4"x4"x3"		2				2	44.00	88.00
	b) 12"x12"x3"		1				1	98.00	98.00
	c) 10"x7"x3"		1				1	68.00	68.00
36	Supplying 4mm thick plastic sheet with necessary niches for fixing switches regulated etc., and fixing on existing wooden or metal box using N.F. screws, (P.10/I.22) Electrical SR - -SR 2013-14)	Sq. cm	14				3000.00	0.22	660.00

37	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall face complete upto 50mm conduit in brick in wall (P.3/L.7a) Electrical-SR 2013-14)	Rmtr							
			1	20.00			20.00	14.00	280.00
38	Supplying, fixing, wiring, earth electrode for grounding conduits, L.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/L.2) Electrical -SR 2013-14)	Each							
			1				1	3000.00	3000.00
39	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete (P.32/L.3a) Electrical -SR 2013-14)	Each							
			2				2	54.00	108.00
40	Supplying 20mm dia 2mm thick heavy gauge PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement rods by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/L.2a) Electrical -SR 2013-14)	Rmtr							
			1	20.00			20.00	32.00	640.00
41	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/L.12a) Electrical -SR 2013-14)	No.							
			1				1	60.00	60.00

42	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorescent tube A Group (P.16/L.2a) Electrical -SR 2013-14)	No							
			5				5	400.00	2000.00
43	Wiring for lighting / power circuits using one of PVC-insulated 1100v/grade multiples and copper conductor single core cable in open or concealed system of wiring A Group materials 1.50 Sqmm materials (P.9/L.20b) Electrical -SR 2013-14)	Rmr							
			1	80.00			80.00	15.00	1200.00
44	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/L.31c) Electrical -SR 2013-14)	Rmr							
			1	4.00			4.00	221.00	884.00
45	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/L.12Ba) Electrical -SR 2013-14)	No.							
			1				1	370.00	370.00
46	Supplying capacitor type ceiling fan complete with down rod blades, shackle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/L.23IIa) Electrical -SR 2013-14)	Nos							
			1				1	1900.00	1900.00
47	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 amperes ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/L.8) Electrical -SR 2013-14)	Nos							
			1				1	105.00	105.00

48	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts and nuts and wiring using suitable capacity wires complete. (P,28/1,12b) Electrical-SR 2012-13)	Nos							
			1				1	685.00	685.00
49	Digging of trench of 0.6m deep x 0.50mtr wide refilling the trench to the required ground level and consolidating etc. complete. In Hard Soil (P,70/1,6b) Electrical -SR 2012-13)	Rmt							
			1	20.00			20.00	50.00	1000.00
									240978
50	KRIDL Charges @ 1%								250050.00
									91967.12
51	Quality control charges 1%								24550.00
									1201.30
52	Miscellaneous charges	0.00							253.59
								Total	2455000.00

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2013-14.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

K.M. Hacku
Assistant Engineer
Ward no: 04

ADMINISTRATIVE COSTS: 2455000

Subject: Twenty four lakhs
fifty five thousand only
Under: P 2434 Development
Works for Bangalore City

Register
Subject
Enclosure

BBMP/YNK/JC/AA/905/13-14
dated 22/02/2014 2455000

[Signature]

Joint Commissioner
Yelahanka Division

[Signature]
Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

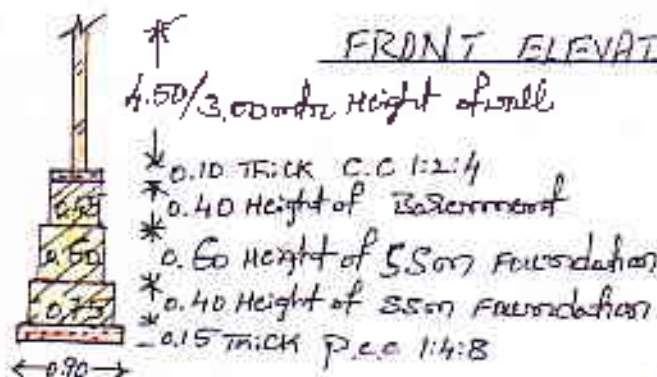
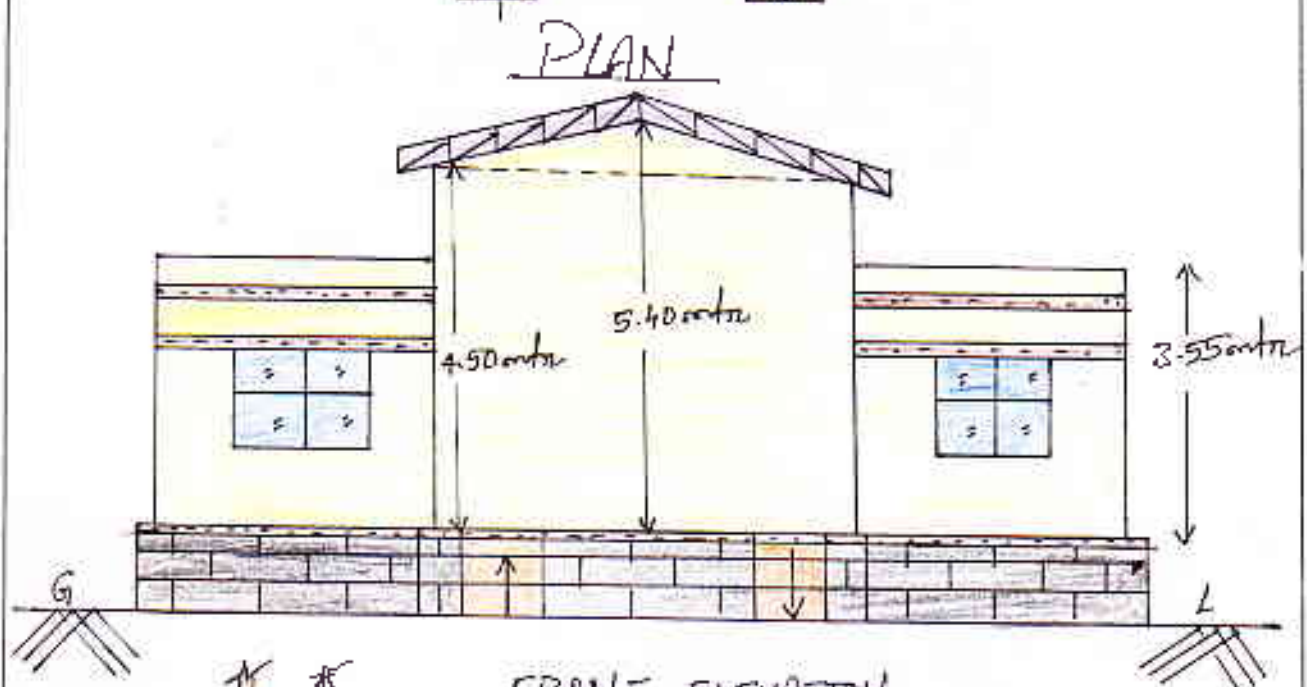
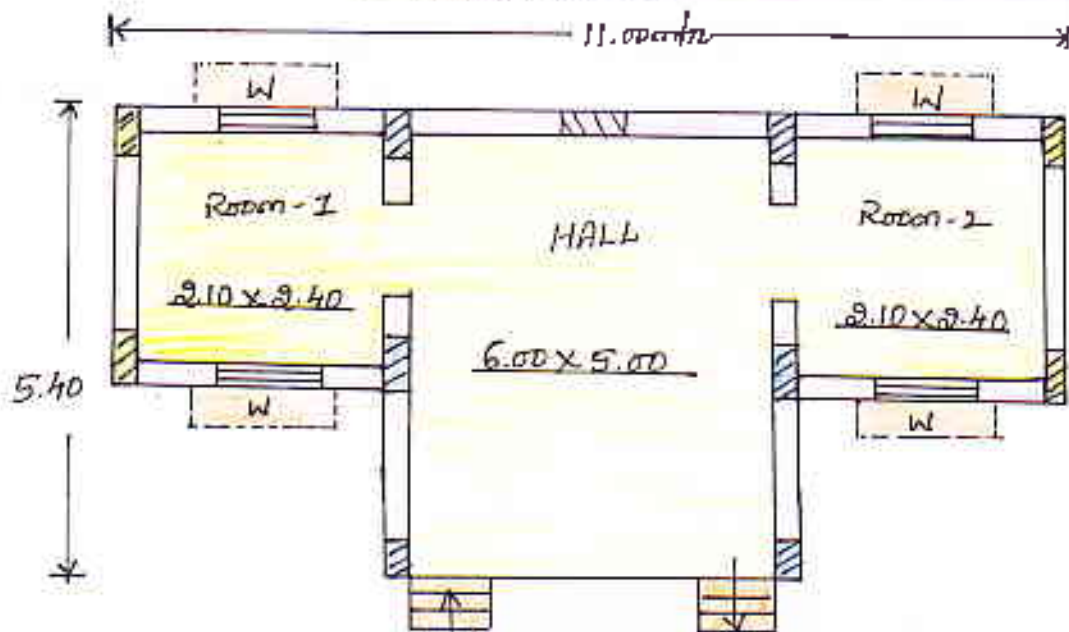
Executive Engineer
Yelahanka Division
Bangalore-64

THIRTY FIVE THOUSAND ONLY FOR Rs. 2455000
Twenty four lakhs and fifty
five thousand only
Under P 2434 Development works
for Bangalore City

BBMP/YNK/CE/TS/27/13-14
dated 25/02/2014 2455000

Chief Engineer

Name of work: Construction of Ranganamudira in front of R.T.O Complex in B Section in ward no-04.

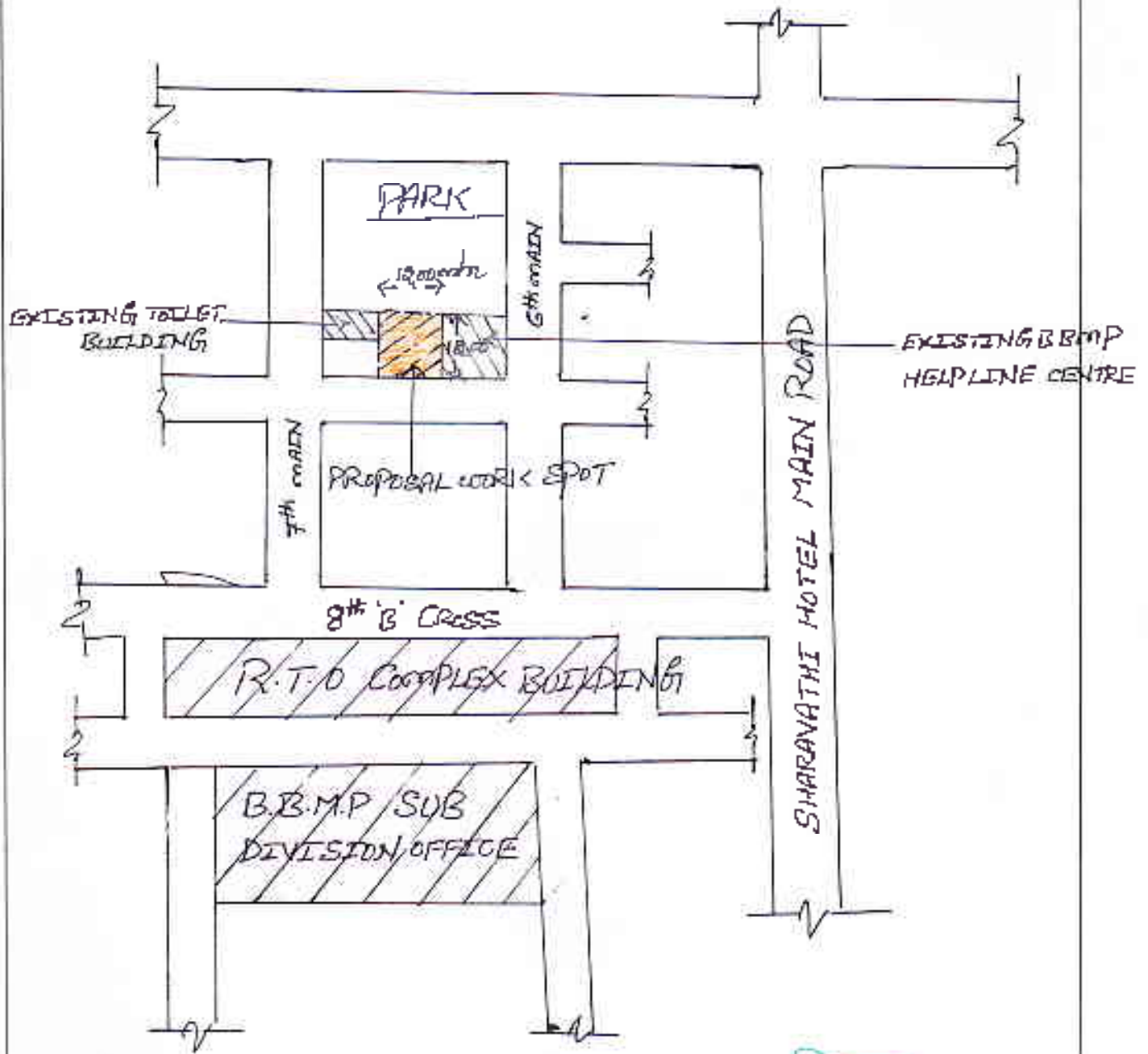


C/S OF WALL

INDEX

- D:- 2x0.90x2.10
- W:- 2x0.90x1.20
- C:- 2x0.60x0.20
- G:- 4x0.40x0.20

Name of work:- Construction of Rangamandira in front of R.T.O Complex in 'B' Section in ward no-04



K.M. 2/1 mmi 8

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯನಗರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಇ.ಇ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106